

Gouda Vuurvast AK 80 AP Dense Refractory Brick

Category : Ceramic , Oxide , Aluminum Oxide

Material Notes:

Description: This phosphate bonded bauxite brick has an improved resistance against slag attack. Remarks: This data represents average values, obtained from samples that were cut from standard bricks. Information provided by Gouda Vuurvast.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Gouda-Vuurvast-AK-80-AP-Dense-Refractory-Brick.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 2.75 g/cc | 0.0994 lb/in ³ | Apparent |
| Porosity | 19 % | 19 % | Apparent |

| Mechanical Properties | Metric | English | Comments |
|-----------------------|----------|-----------|------------------------|
| Compressive Strength | 70.0 MPa | 10200 psi | Cold Crushing Strength |

| Thermal Properties | Metric | English | Comments |
|----------------------------------|-------------------------|--|--|
| Thermal Conductivity | 2.10 W/m-K | 14.6 BTU-in/hr-ft ² - °F | |
| | @Temperature 650 °C | @Temperature 1200 °F | |
| | 2.10 W/m-K | 14.6 BTU-in/hr-ft ² - °F | |
| | @Temperature 1100 °C | @Temperature 2010 °F | |
| | 2.30 W/m-K | 16.0 BTU-in/hr-ft ² - °F | |
| | @Temperature 100 °C | @Temperature 212 °F | |
| Maximum Service Temperature, Air | 1525 °C | 2777 °F | |
| | 1525 °C | 2777 °F | Deformation under load - t _a |

| Component Elements Properties | Metric | English | Comments |
|--------------------------------|----------|----------|----------|
| Al ₂ O ₃ | 78 % | 78 % | |
| Fe ₂ O ₃ | <= 1.5 % | <= 1.5 % | |
| SiO ₂ | 15 % | 15 % | |

| Descriptive Properties | Value | Comments |
|--------------------------|-----------|-----------|
| Segecone | 38 | |
| Thermal Shock Resistance | 20 cycles | DIN 51068 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China